

Claims:

1. In a video disc recording and reproducing apparatus,
a method of recording video data comprising the steps of:

recording a first video data file;

5 recording a second video data file which is of a
different type of video data than said first video data file;

recording a first directory for managing said first video
data file;

10 recording a second directory for managing said second
video data file; and

recording video managing information in said first video
data file in order to refer to said second video data while
playing said first video data.

15 2. The method according to claim 1, wherein said first
video data file is recorded by MPEG, and said second video
data file is recorded with higher resolution than that of said
first video data file.

20 3. The method according to claim 2, wherein said second
video data file is recorded with a higher resolution of MPEG
than that of first video data file.

25 4. The method according to claim 2, wherein said video
disc is a 12 cm diameter DVD disc.

5. The method according to claim 2, wherein said video
disc is a 8 cm diameter DVD disc.

6. The method according to claim 1, wherein said video managing information includes a reference address which indicates an address of said second video data stored in said disc.

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7. The method according to claim 6, further comprising the step of recording information which indicates the manufacturer of said apparatus into said video managing information.

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8. The method according to claim 7, further comprising the step of recording information which indicates date and/or time of recording.

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9. The method according to claim 8, further comprising the step of recording information which indicates the number of times video data is reproduced by said apparatus.

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10. The method according to claim 9, wherein said video managing information includes a plurality of reference addresses.

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11. An optical storage disc on which first and second video data is to be recorded, comprising;
a first video recording section;
a second video recording section which has a higher resolution than that of said first video recording section;
a first directory section managing an address of said

first video recording section; and

a second directory section managing an address of said
second video recording section;

wherein said first directory section includes reference
5 information which indicates the second video data
corresponding to said first video data.

12. The optical storage disc according to claim 11,
wherein said reference information includes pointer
10 information representing a physical address in said second
video recording section.